

Vestwoods

SMART RESIDENTIAL BATTERY

5KWH BATTERY PACK



Self-designed BMS international design certification



Long cyclic life-6000 cycles
15 years design life



Most safety LiFePO4 as cathode material



High rate charge/
discharge current @ 100A



Integrated with wall-mounted and
19inch rack or cabinet installation



IP54 higher degree of protection;
Easier installed outdoor;

SPECIFICATION

Model	VE51100RS
Cell Type	LFP
Nominal Energy	5.12kWh
Nominal Capacity	100Ah
Nominal Voltage	51.2V
Operating Voltage Range	42.0V~57.6V
Recommend Charge Voltage	57.6V
Charge Current/Max.Continuous	100A
Discharge Cut-off Voltage	42.0V
Discharge Current/Max. Continuous	100A
Depth of Discharge	80% DOD
Temperature Range/Charge	0℃~60℃
Temperature Range/Discharge	-20℃~60℃
Dimensions(W*H*D)	444*155*517mm(Without handles)
Weight	45kg
IP	IP54
Scalability	Up to 16 units in parallel
Communication	2*CAN/RS-485
Cooling Concept	Natural Cooling
Cycle life	≥6000,80%DOD@25℃
Design Life	15+Years
Installation	Wall/Floor/19 or 23 inch cabinet/rack
Humidity	5%~95%(RH)
Altitude	<2000m
Protections	Overcharge/Overdischarge/Overtemperature/Overcurrent/Short Circuit etc.
Reference Standard	UN38.3, IEC62619, CE-EMC

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